

പൊതുവിദ്യാഭ്യാസ വകുപ്പ് (വൊക്കേഷണൽ ഹയർസെക്കന്ററി വിഭാഗം)

ഗവൺമെന്റ് വി.എച്ച്.എസ്.എസ്. (ബോയ്സ്), കൊട്ടാരക്കര

കൊട്ടാരക്കര പി.ഒ., പിൻ-691506

ദർഘാസ് No. 01/HDT/2023

തീയതി. 21.11.2023

ടെൻഡർ നോട്ടീസ്

കൊട്ടാരക്കര ഗവൺമെന്റ് വി.എച്ച്.എസ്.എസ്. (ബോയ്സ്) ലെ എൻ.എസ്.ക്യൂ.എഫ്. HDT ലബോറട്ടറിയിൽ ആവശ്യമായ ഉപകരണങ്ങൾ വിതരണം ചെയ്യുന്നതിന് ദർഘാസ് വില Rs. 400+12% ജി.എസ്.ടി. , നിരതദ്രവ്യം : 1%. ഫോറം വിൽക്കുന്ന അവസാന തീയതി 05.12.2023, 11.00 a.m, സ്വീകരിക്കുന്നത് 05.12.2023, 12.00 noon, ദർഘാസ് തുറക്കുന്ന തീയതി 05.12.2023, 3.00 p.m.. അടങ്കൽതുക: 200000/-



ഒപ്പ്

(Handwritten Signature)

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GVJISS for Boys
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(പ്രിൻസിപ്പാൾ


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ഫോൺ: 9447958221, 9447735155, 9447315372

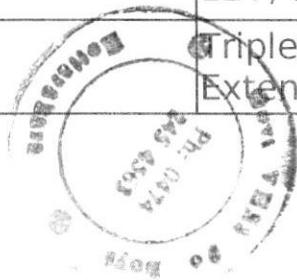
SCHEDULE FOR HANDHELD DEVICES (HANDSET AND TABLET) TECHNICIAN LAB PURCHASE 2023-2024

NAME OF REGION		KOLLAM	
NAME OF SCHOOL		GOVT, VHSS (B),KOLLAM, KOTTARAKKARA	
SCHOOL CODE		902001	
NAME OF NSQF COURSE		HANDHELD DEVICES (HANDSET AND TABLET) TECHNICIAN (HDT)	
Sl.No	Name of item as per the Standard list	Specification as per standard list	Required Quantity
Part A - Equipment			
1	Multimeter Analog	DC V 1000V, AC V 750V and DC A 0.25A, Resistance up to 200 MΩ, Capacitance up to 10 μF	1
2	Multimeter Digital	Resolution: 4.5 Digits, DC accuracy: 0.5%, Diode and continuity test with buzzer, DC V: 1000V, AC V: 750V, DC A: 10 A, Automatic shutdown	6
3	SMD Tester	Digital type, Resolution: 3.5 Digits, Resistance Range: 300 Ω to 30 MΩ , Capacitance Range: 3 nF to 30 mF, Continuity measurements, Diode Checking	1



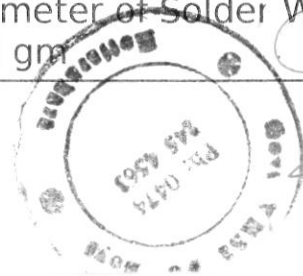

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Sl.No	Name of item as per the Standard list	Specification as per standard list	Required Quantity
4	SMD Rework Station	Minimum three working channels, and each channel can be set to the amount of wind and temperature., Magnetic switch control lever in the handle holder, With automatic sleep function , Microcomputer zero trigger temperature control, power, heating quickly, easily and precisely adjust the temperature stable, free from the influence of wind, Brushless fans, air flow adjustable and wide range, Automatic cooling function of wind capacity	5
5	DC Power Supply	Digital control single power supply, Minimum 3 groups of parameter storage, Memory store when power off, Keyboard lock , Constant Voltage / Constant Current mode, Output switch control, 0 - 30 V High precision adjustable DC output, 0 - 5 A	2
6	Micro Soldering Station	Reach the setting temperature in less than 30 seconds, At least 3 memory channels to store the most common used parameter, With plug box, fast remove/replace soldering iron tip , Micro soldering tip	2
7	Mobile phone training kit	GSM 2G connectivity., Data section controlled by ARDUINO, Communication protocol - serial data communication, HMI display, 230V Power Supply, 12V, 5V DC voltage source	1
8	Smoke Absorber	Triple filter, Built-in air circulation filter, Low noise, Extension-type station, Air volume adjustable	2



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Sl.No	Name of item as per the Standard list	Specification as per standard list	Required Quantity
9	Microscope	For SMD viewing and microsoldering, Minimum 30X zooming, With LED Light	1
Part B - Tools and Accessories			
10	Precision Screw Drivers	High quality Precision Screwdriver T4, T5, T6 and T7 - Metal type (Precision screw driver set)	6
11	Openers	Plastic	6
		Steel	6
12	Tweezers	Stainless steel - Sharp edge - Straight	2
		Stainless steel - Sharp edge - Bend	2
13	Cleaning Brush	ESD-Safe Cleaning Brush	6
14	Soldering Iron	25 Watt	5
15	Nose Plier	Mini type, Stainless steel - straight, Insulated sleeve	6
16	PCB Holder	Universal compatibility	6
17	Blade Cutter	Stainless steel or high-Carbon steel material	6
18	Antistatic Mat	ESD Mat	6
19	IC cleaning brush	Nylon or Polyester material	6
Part C - Software			
20	Dongle (Z3X)		1
Part D - Consumables			
21	Cleaning Solution	IPA - Iso Propyl Alcohol, 500 ml	10
22	Soldering Flux	Rosin based and no clean flux type	6
23	Solder Wire	Lead-free Composition, Melting Point 183°C - 217°C, Diameter of Solder Wire 0.3 - 1 mm, Weight: 50 gm	1



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Sl.No	Name of item as per the Standard list	Specification as per standard list	Required Quantity
24	Jumper Wire	24 to 30 AWG diameter	10
25	Connecting cable	Type C	1
26	Connecting cable	Micro USB	1
27	Connecting cable	Lightning cable	1
28	Desoldering Wire	Desoldering Wick - Copper type, Width: 2 mm, Length: 1.5 meter	6
29	Solder Paste	Melting point: 183o C	10
30	Stencil	Common stencils	6
31	SMD Soldering practice kit	Simple circuit DIY kits	6




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